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			U.S. PATE	ENT DOCUMENTS	
Examiner nitials		Document Number  Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	ļ	us-5,812,159 **	_09.22.1998	Anagnostopoulos et al	
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		<sup>US-</sup> 6,485,123.*	1-1.26.2002	-Silverbrook	
	<u> </u>	US-6,174,050 *	01.16.2001	Kashino et al	
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		100 5 000 444	09:09:1997	Matoba et al ———	
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	<b> </b>	US-4,864,824	09.12.1989	Gabriel et al	
		us-4,423,401	12:27:1983	Mueller	***************************************
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Examiner Initials	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>			
		EP 0 713 774 A2	05.29.1996	Sharp Kabushiki	Kaisha				
		DE 195 16 997	11.16.1995	Sharp KK	un prince com cyclycome - "Angencycholics copies - propies parts confirm Manifoldium un				
		DE 196 23 620 A1	12.19.1996	Sharp KK	······································				
		JP 2 108544 (Abstract)	04.20.1990	Seiko Epson Cor	0				
		JP 2 92643 (Abstract)	04.03.1990	Seiko Epson Cor	o -				
		JP 4 353458 (Abstract)	12.08.1992	Brother Ind Ltd		i			
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		JP 6 91866 (Abstract)	04.05.1994	Seikosha Co Ltd		ii			
		JP 2 265752 (Abstract)	10.30.1990	Matsushita Electr	c Ind Co Ltd				
		EP 0 634 273	01,18,1995	Sharp Kabushiki I	Kaisha	<u> </u>			

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		DE 195 32 913	03.28.1996			
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		DE 43 28 433	03.02.1995	Heidleberger Dru	ckmaschinen AG	
		JP 61 025849 (Abstract)	02.04.1986	Canon Inc	The state of the s	ii
		JP 01 128839 (Abstract)	05.22.1989	Ricoh Co Ltd		i i
		JP 04 126255 (Abstract)	04.27.1992	Seiko Epson Corp		i
		GB 2 262 152	06.09.1993	Willett Int Ltd		ii
		DE 195 16 997	11.16.1995	Sharp K.K		i i
		JP 05 318724 (Abstract)	12.03.1993	Seikosha Co Ltd		
	L,	JP 02 162049 (Abstract)	06.21.1990	Seiko Epson Corp		

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		DE 32 45 283	06.07.1984	Siemens AG		
	i	JP 04 368851 (Abstract)	12.21.1992	Seiko Epson Corp		ii
		JP 02 158348 (Abstract)	-06.18.1990	Minolta Camera Co	Ltd	ii
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	i	JP 03 653348 (Abstract)	03.20.1991	Matsushita Electric	Ind Co	i i
The same and the same at the s	i	EP 0 431 338	06.12.1991	Matsushita Electric	Ind Co	i
	i	JP 01 257058	10.13.1989	Seiko Epson Corp		
	i	DE 195 17 969	11.30.1995	Sharp K.K		
	<u> </u>	DE 196 39 717	04.17.1997	Sharp K.K		
		IEP 0 737 580	10.16.1996	Canon K.K		

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		EP 0 882 590	12.09.1998	Canon K.K	· ·
<u> </u>		EP 0 478 956	04.08.1992	Kernforschungsz Karlshruhe GN	ивн
	i	DE 1 648 322	-03.24.1971	VDO Tachometerwerke GMBH	
C		GB 1 428 239	03.17.1976	Cibie Projecteurs	
		DE 39 34 280	04.26.1990	CAE di Cipelletti Alberto	i
		DE 29 05 063	08.14.1980	Olympia Werke AG	
	<b></b>	WO 94 18010	08.18.1994	Domino Printing Sciences PLC	
	İ	EP 0 398 031	11.22.1990	Seiko Epson Corp	
		EP 0 427 291	05.15.1991	Seiko Epson Corp	
		JP 01 115639 (Abstract)	05.08.1989	Ricoh Co Ltd	

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	<u> </u>	JP 58 116165 (Abstract)	07.11.1983	Canon K.K	от тентинг туштог у фроц	H
		EP 0 627 314	12.07.1994	Olivetti Canon Ind	PA	-
		JP 61 268453 (Abstract)	11.27.1986	Olympus Optical C	p Ltd	
		JP 04 118241 (Abstract)	04.20.1992	Seiko Epson Corp		
	Ì	EP 0 506 232	09.30.1992	Videojet Systems II	ht, Inc	i
	İ	JP 07 314665 (Abstract)	12.05.1995	Canon Inc	- CANADA - C	
		μP 03 180350	08.06.1991	Seiko Epson Corp	<del> </del>	<u> </u>
		WO 97 12689	04.10.1997	The Board of Truste	es of the Leland	
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		JP 02 050841 (Abstract)	02.20.1990	Seiko Epson Corp		i

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		EP 0 510 648	10.28.1992	lvri Yehuda	1111					
		JP 05 28765 (Abstract)	10.29.1993	Canon Inc						
	i	JP 04 141429 (Abstract)	05.14.1992	Seiko Epson Corp						
		JP 01 105746 (Abstract)	04.24.1989	Ricoh Co. Ltd						
		GB 792 145	03.19.1958	Technograph Prin	ted Circuits Ltd					
		EP 0 750 993	01.02.1997	Canon K.K						
Ī	i	JP 01 306254 (Abstract)	12.11.1989	Seiko Epson Corp	· · · · · · · · · · · · · · · · · · ·					
E		EP 0 092 229	10.26.1983	Siemens AG						
	i	DE 37 16 996	12.08.1988	VDO Schindling						
		DE 34 30 155	02.27.1986	Siemens AG						
		ER 2 231 076	12 20 1077	Electricite De Fran	\					

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Add Add annual Address		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia S.A., Lausanne, Vol. 55, no. 1, 15 July 1996, pp 65-69, XP004077979 ISSN: 0924-4247.	
		ATAKA, MANABU et al, "Fabrication and Operation of Polymide Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceedeing of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp 142-147, XP000528408, ISBN: 0-7803-1834-X.	
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